State of Wisconsin Department of Natural Resources PO Box 7291, Madison WI 53707-7291 dnr.wi.gov

Wadeable Macroinvertebrate Field Data Report Form 3200-081 (R 8/14)

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Instructions: Bold fields must be completed.

Station Summary Waterbody Name	4-1-1	Waterbody ID Code	Sample ID (YYYYMMDD-CY-FD)
UNNAMED TRIBUTAR	1 TO POKEGAM	AR. 2844 40	20171013-16-03
Sampling Location	06	- 07	Database Key
20 m	DS IRONDAL		149840370
SWIMS Station ID	SWIMS Station		
10049173	UNNAMED TE	UBUTARY TO POKEGAMA R. 3	M US IRONDALE RD
Latitude Longit	ude	Lat/Long Determination Method	
	12.18636	SWIMS SWDV GF	WGS84 or NAD83
Basin (WMU)		ershed Name	County
LAKE SUPERIOR	ST. I	LOUIS AND LOWER NEMADJI F	DOUGLAS DOUGLAS
Sample and Site Descriptors			Commence of the second second
Sample Collector (Last Name, Fir	•	Project Name	
CRAIG P ROESLER, CHANG VA	.NG	NORTHERN DISTRIC	CT TWA 2017
Sampling Device			
X D-Frame Kick Net	Surber Samp	ler Eckman	
Ponar	Artificial Subs	strate Hess Sampler	Other:
Habitat Sampled			
✓ Riffle	Run	Pool	
Other	Shoreline Cor	mposite Proportionally-Sai	mpled Habitat
Littoral Zone	Profundal Zo		The Contract
Total Sampling Time (min) Estin			
		(m -) Nijmher of Samples in Cor	nnosita I
15	1.5	(m ²) Number of Samples in Cor	Replicate No of
		(m ²) Number of Samples in Cor	
15	1.5	Number of Samples in Cor	Replicate No of
Reason For Sampling Least Impacted Reference Control Site	1.5	3	Replicate No of
Reason For Sampling Least Impacted Reference Control Site	EX Baseline Trend O.O. (%sat.) pH (su)	Impact / Treatmen Other: Conductivity (umhos/cm)	Replicate No of
Reason For Sampling Least Impacted Reference Control Site	EX Baseline Trend	Impact / Treatmen Other: Conductivity (umhos/cm)	Replicate No of
Reason For Sampling Least Impacted Reference Control Site Water Temp. (C) D.O. (mg/l)	EX Baseline Trend O.O. (%sat.) pH (su)	Impact / Treatmen Other: Conductivity (umhos/cm)	t Site Transparency (cm)
Reason For Sampling Least Impacted Reference Control Site Water Temp. (C) D.O. (mg/l) 9.5 Water Color	X Baseline Trend O.O. (%sat.) pH (su) 7.4	Impact / Treatmen Other: Conductivity (umhos/cm) Estimated Stream Velocity Slow	t Site Transparency (cm) 24 (m/s) Moderate
Reason For Sampling Least Impacted Reference Control Site Water Temp. (C) D.O. (mg/l) 0 9 5 Water Color	X Baseline Trend D.O. (%sat.) pH (su) T, 4 urbid Stained	Impact / Treatmen Other: Other: Conductivity (umhos/cm) Estimated Stream Velocity Slow (< 0.15 m/s)	Replicate No of t Site Transparency (cm) 2 4 (m/s) Moderate (0.15 m/s - 0.5 m/s) Fast (> 0.5 m/s)
Reason For Sampling Least Impacted Reference Control Site Water Temp. (C) D.O. (mg/l) Gain Clear Clear Measured Velocity Circle	EX Baseline Trend O.O. (%sat.) pH (su) T, y urbid Stained Average	Impact / Treatmen Other: Conductivity (umhos/cm) Estimated Stream Velocity Slow	t Site Transparency (cm) 24 (m/s) Moderate
Reason For Sampling Least Impacted Reference Control Site Water Temp. (C) D.O. (mg/l) G 5 Water Color Clear Temp. Circle of m/s o	EX Baseline Trend O.O. (%sat.) pH (su) T, 4 urbid Stained units Average r f/s	Impact / Treatmen Other: Other: Conductivity (umhos/cm) Estimated Stream Velocity Slow (< 0.15 m/s)	Replicate No of t Site Transparency (cm) 2 4 (m/s) Moderate (0.15 m/s - 0.5 m/s) Fast (> 0.5 m/s)
Reason For Sampling Least Impacted Reference Control Site Water Temp. (C) D.O. (mg/l) Gain Clear Clear Measured Velocity Circle	EX Baseline Trend O.O. (%sat.) pH (su) T, 4 urbid Stained units Average r f/s	Impact / Treatmen Other: Other: Conductivity (umhos/cm) Estimated Stream Velocity Slow (< 0.15 m/s)	Replicate No of t Site Transparency (cm) 2 4 (m/s) Moderate (0.15 m/s - 0.5 m/s) Fast (> 0.5 m/s)
Reason For Sampling Least Impacted Reference Control Site Water Temp. (C) D.O. (mg/l) Glear Clear Measured Velocity Composition of Substrate Sample Boulders	X Baseline Trend O.O. (%sat.) pH (su) 7,4 urbid Stained units Average r f/s ed (Percent):	Impact / Treatmen Other: Other: Conductivity (umhos/cm) Estimated Stream Velocity Slow (< 0.15 m/s) Ge Stream Depth of reach (m)	Replicate No of t Site Transparency (cm) 2
Reason For Sampling Least Impacted Reference Control Site Water Temp. (C) D.O. (mg/l) Glear Clear Measured Velocity Composition of Substrate Sample Boulders	X Baseline Trend O.O. (%sat.) pH (su) T, 4 urbid Stained units Average r f/s ed (Percent):	Impact / Treatmen Other: Other: Conductivity (umhos/cm) Estimated Stream Velocity Slow (< 0.15 m/s) ge Stream Depth of reach (m) Rubble	Replicate No of t Site Transparency (cm) 2
Reason For Sampling Least Impacted Reference Control Site Water Temp. (C) D.O. (mg/l) Garage Color Clear Tomes of Composition of Substrate Sample Bedrock: Bedrock: Boulders (basketba	x Baseline Trend O.O. (%sat.) pH (su) 7,4 urbid Stained units Average r f/s ed (Percent):	Impact / Treatmen Other: Other: Conductivity (umhos/cm) Estimated Stream Velocity Slow (< 0.15 m/s) Ge Stream Depth of reach (m)	Replicate No of t Site Transparency (cm) 2
Reason For Sampling Least Impacted Reference Control Site Water Temp. (C) D.O. (mg/l) Garage Color Clear Tomes of Composition of Substrate Sample Bedrock: Bedrock: Boulders (basketba	X Baseline Trend O.O. (%sat.) pH (su) 7,4 urbid Stained units Average r f/s ed (Percent):	Impact / Treatmen Other: Other: Conductivity (umhos/cm) Estimated Stream Velocity Slow (< 0.15 m/s) Ge Stream Depth of reach (m)	Replicate No of t Site Transparency (cm) 2
Reason For Sampling Least Impacted Reference Control Site Water Temp. (C) D.O. (mg/l) Garage Color Clear Tomes of Composition of Substrate Sample Bedrock: Bedrock: Boulders (basketba	x Baseline Trend O.O. (%sat.) pH (su) 7,4 urbid Stained units Average r f/s ed (Percent):	Impact / Treatmen Other: Other: Conductivity (umhos/cm) Estimated Stream Velocity Slow (< 0.15 m/s) ge Stream Depth of reach (m) Rubble (tennisball to basketball):	Replicate No of t Site Transparency (cm) 24 (m/s) Moderate
Reason For Sampling Least Impacted Reference Control Site Water Temp. (C) D.O. (mg/l) Garage Color Clear Tomes of Composition of Substrate Sample Bedrock: Bedrock: Boulders (basketba	EX Baseline Trend O.O. (%sat.) pH (su) T, 4 urbid Stained units Average r f/s ed (Percent):	Impact / Treatmen Other: Other: Conductivity (umhos/cm) Estimated Stream Velocity Slow (< 0.15 m/s) ge Stream Depth of reach (m) Rubble (tennisball to basketball): Silt/Muck: S	Replicate No of It Site Transparency (cm) 24 (m/s) Moderate Fast (> 0.5 m/s) (> 0.5 m/s) Average Stream Width of reach (m) Overhanging Vegetation:
Reason For Sampling Least Impacted Reference Control Site Water Temp. (C) D.O. (mg/l) Garage Color Clear From Measured Velocity Composition of Substrate Sample Bedrock: Bedrock: Clay: Aquatic Macrophytes:	x Baseline Trend O.O. (%sat.) pH (su) T, 4 urbid Stained units Average r f/s ed (Percent): all or larger): Leaf Snags:	Impact / Treatmen Other: Other: Conductivity (umhos/cm) Estimated Stream Velocity Slow (< 0.15 m/s) ge Stream Depth of reach (m) Rubble (tennisball to basketball): Silt/Muck: Coarse Woody Debris:	Replicate No of It Site Transparency (cm) 24 (m/s) Moderate Fast (> 0.5 m/s) (> 0.5 m/s) Average Stream Width of reach (m) Overhanging Vegetation: